Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No: First and Final Bill (For Other Works) Date……20

Division:**Byatarayanapura** Sub-Division: **Vidyaranyapura Sub Division**

Bill Received No. Dated Divisional Cash Book Voucher No…….. Dated…….
Sub Divisional **Work Code: 009-22-000009**

Schedule Docket No. Head of Account: Est.Cost- **475.00 Lakhs**

Name of Work: **Improvements to Roads an Drains at Virupakshapura, Budha Jyothi Layout, Kodigehalli, Maruthi Layout and Surrounding areas in ward No.09 (Vidyaranyapura)**

Name of Contractor and Full Address : **Sri.K Shankar Reddy, No:18, K-No 370, 414, 413, 188, Bhuvaneshwarinagara, Bangalore-560024**

Reference to Agreement No: BBMP/EE/BTP/WO/63/2022-23 Date: 30-07-2022

Certified that the measurements were taken by me on 20-3-23 and recorded of Pages 6285701-10 of measurement Book No. 6288/22-23 and that the work is satisfactorily executed.

K. Sankar Reddy
Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 30/03/23 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Division Officer

II Memorandum of Payment

Forest Cy final bill

1)	Total value of work done or supplies made as per account within	BA 4,74,73,257=00
2)	Deduct amount to be held in reserve being ……percent Rs……	D/R - 4,74,733=00
3)	" Balance	GST - 42,366=00
4)	Deduct Payment:	SGST - 42,366=00
a)	Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No…… Amount adjusted towards cash advance recovery of	L.C - 4,74,733=00
b)	Payments Now made: cost store or other material supplied. recovery of amount creditable to this/other work. Amount paid on this bill Cheque / Cash.	CBT - 4,74,74=00
		LR - 6,24,300=00
5)	Balance being unpaid value of work done held in reserve.	T.D - 24,68,978=00
6)	Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.	
7)	Net amount due to or from Contractor unadjustments items	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	4,50,04,279=00

Contractor's Signature

K. Sankar Reddy

Received Rs…… (in words)……
……
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands).

Witness
1.
2. K. Sankar Reddy
Dated Signature of Contractor

Paid by me by Cheque No……Dated……
Cash Rs……..
Dated……

Initials of Officer making payment

(For use in the Office)

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ D-0190 (D-3873) ರಡಿ
ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 4,74,733=00 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.
ಇದರಲ್ಲಿ ರೂ. 24,68,978=00 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ
ಮಾಡಿಕೊಂಡು ರೂ. 4,50,04,279=00 ಗಳನ್ನು

Stamp

FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ವಿಷಯ ನಿರ್ವಾಹಕರು — ಲೆಕ್ಕಾಧೀಕ್ಷಕರು, ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ, ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು, ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ, ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

Executive Engineer

ABSTRACT

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead I By Manual Means B Cement Concrete and as per the directions of the Engineer-in-charge of the work .	Cum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead (iii) Dismantling Stone Masonry B Rubble stone masonry in cement mortar.and as per the directions of the Engineer-in-charge of the work .	Cum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work .	Sqm	1965.11	113.53	223099.00	0.00	113.53	0.00	1935.41	113.53	219727.00	1935.41	219727.00	
4	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. and as per the directions of the Engineer-in-charge of the work .	Cum	2231.96	208.69	465789.00	0.00	208.69	0.00	2231.96	208.69	465789.00	2231.96	465789.00	
5	Providing granite slabs of selected quality roughly dressed having a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete., completeand as per the directions of the Engineer-in-charge of the work .	Sqm	826.86	756.84	625802.00	0.00	756.84	0.00	826.86	756.84	625802.00	826.86	625802.00	
6	Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete.and as per the directions of the Engineer-in-charge of the work .	Sqm	417.70	986.05	411876.00	0.00	986.05	0.00	417.70	986.05	411876.00	417.70	411876.00	
7	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. and as per the directions of the Engineer-in-charge of the work .Quantity upto125%	Cum	284.11	6453.74	1833583.00	0.00	6453.74	0.00	284.11	6453.74	1833583.00	284.11	1833583.00	

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
8	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 and as per the directions of the Engineer-in-charge of the work .Quantity upto125%	Cum	631.83	7370.19	4656682.00	0.00	7370.19	0.00	631.83	7370.19	4656682.00	631.83	4656682.00	
9	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. and as per the directions of the Engineer-in-charge of the work .	tonne	39.32	115935.14	4558351.00	0.00	115935.14	0.00	39.32	115935.14	4558351.00	39.32	4558351.00	
10	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of all materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. and as per the directions of the Engineer-in-charge of the work .	Sqm	2657.40	2383.74	6334558.00	0.00	2383.74	0.00	2657.40	2383.74	6334558.00	2657.40	6334558.00	
11	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.and as per the directions of the Engineer-in-charge of the work .Quantity upto125%	Sqm	106.11	5526.36	586403.00	0.00	5526.36	0.00	106.11	5526.36	586403.00	106.11	586403.00	
12	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. and as per the directions of the Engineer-in-charge of the work .	Cum	115.96	6839.71	793132.00	0.00	6839.71	0.00	115.96	6839.71	793132.00	115.96	793132.00	
13	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Sqm	2446.56	1197.17	2928949.00	0.00	1197.17	0.00	2446.56	1197.17	2928949.00	2446.56	2928949.00	
14	Supplying and fixing M15 grade precast cement concrete 600 x 300 x 150 mm Kerb Stone for Roadway, Sidewalls and gutters fixed with CM 1:3 fixed and finsihed in line as per direction of Engineer in charge. and as per the directions of the Engineer-in-charge of the work .	m	210.90	474.61	100096.00	0.00	474.61	0.00	210.90	474.61	100096.00	210.90	100096.00	
15	Painting Two Coats on New Concrete Surfaces Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concretesurfaces. and as per the directions of the Engineer-in-charge of the work	Sqm	73.82	95.37	7040.00	0.00	95.37	0.00	73.82	95.37	7040.00	73.82	7040.00	

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
16	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth. and as per the directions of the Engineer-in-charge of the work .	Cum	37.22	72.93	2715.00	0.00	72.93	0.00	37.22	72.93	2715.00	37.22	2715.00	
17	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead MORTH Specification and as per the directions of the Engineer-in-charge of the work .	Sqm	8600.97	4.49	38619.00	0.00	4.49	0.00	8600.97	4.49	38619.00	8600.97	38619.00	
18	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. and as per the directions of the Engineer-in-charge of the work .	Sqm	8600.97	6.49	55821.00	0.00	6.49	0.00	8600.97	6.49	55821.00	8600.97	55821.00	
19	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriageof mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, and as per the directions of the Engineer-in-charge of the work .	Cum	20.12	2633.33	52986.00	0.00	2633.33	0.00	20.12	2633.33	52986.00	20.12	52986.00	
20	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density and as per the directions of the Engineer-in-charge of the work .	Cum	1978.22	2686.07	5313643.00	0.00	2686.07	0.00	1978.22	2686.07	5313643.00	1978.22	5313643.00	
21	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet and as per the directions of the Engineer-in-charge of the work .	Sqm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means and as per the directions of the Engineer-in-charge of the work .	Sqm	8600.97	49.37	424630.00	0.00	49.37	0.00	8600.97	49.37	424630.00	8600.97	424630.00	
23	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per and as per the directions of the Engineer-in-charge of the work .	Cum	430.05	11095.46	4771584.00	0.00	11095.46	0.00	430.05	11095.46	4771584.00	430.05	4771584.00	

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
24	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications.and as per the directions of the Engineer-in-charge of the work .	Sqm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification and as per the directions of the Engineer-in-charge of the work .	Sqm	8600.97	16.83	144755.00	0.00	16.83	0.00	8600.97	16.83	144755.00	8600.97	144755.00	
26	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification and as per the directions of the Engineer-in-charge of the work .	Cum	344.04	12937.78	4451096.00	0.00	12937.78	0.00	344.04	12937.78	4451096.00	344.04	4451096.00	
27	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. and as per the directions of the Engineer-in-charge of the work .	Sqm	294.06	536.32	157711.00	0.00	536.32	0.00	294.06	536.32	157711.00	294.06	157711.00	
28	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separatelyand as per the directions of the Engineer-in-charge of the work . Quantity upto125%	Cum	74.43	473.48	35244.00	0.00	473.48	0.00	74.43	473.48	35244.00	74.43	35244.00	
29	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm,aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ m3 , optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 t vibratory roller, finishing and curing. and as per the directions of the Engineer-in-charge of the work .Quantity upto125%	Cum	55.83	4707.91	262825.00	0.00	4707.91	0.00	55.83	4707.91	262825.00	55.83	262825.00	

Item No	Description	unit	Modified Shedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
30	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete MORTH Specification No.1501 . as per the directions of the Engineer-in-charge of the work. Quantity upto125%	Cum	55.83	7671.11	428249.00	0.00	7671.11	0.00	55.83	7671.11	428249.00	55.83	428249.00	
31	Cutting transverse contraction joints 3 to 4 mm wide and depth 60mm in concrete slab using concrete cutting machine with diamond studded saw within 48 hours of casting of bay / slab etc. complete including subsequent widening of the groove 8 to 10 mm. wide at top having depth of 15 mm. as directed by Engineer incharge. and as per the directions of the Engineer-in-charge of the work .	m	82.32	78.54	6466.00	0.00	78.54	0.00	82.32	78.54	6466.00	82.32	6466.00	
32	Providing to contraction joints polysuphide sealent (Pouring grade) confirming to BS : 5212 - 1989 into sawed groove widened at top for sealent reservoir of specified size and shape as per detailed drawing including fixing Polyethylene foam backer rod of required diameter (approx. 25% larger than the initial 3 mm.to 4 mm. joint) overlaid with bond breaking tape as per detailed drawing. Item includes cleaning the joints with water jet / air compressor and allowing joint to become thoroughly dry before sealent is applied and applying primer. (A) Contraction and longitudinal joints (15 mm. deep x 8mm.wide). and as per the directions of the Engineer-in-charge of the work .	m	82.32	185.13	15240.00	0.00	185.13	0.00	82.32	185.13	15240.00	82.32	15240.00	
33	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. and as per the directions of the Engineer-in-charge of the work .	Cum	2343.61	83.03	194591.00	0.00	83.03	0.00	2343.61	83.03	194591.00	2343.61	194591.00	
34	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km and as per the directions of the Engineer-in-charge of the work .	t.Km	2999.83	117.81	353410.00	0.00	117.81	0.00	2999.83	117.81	353410.00	2999.83	353410.00	
		Sub Total			40234945.00	-	-	-			40231573.00		40231573.00	
		GST @18%			7242291.00	-	-	-			7241684.00		7241684.00	
		TOTAL AMOUNT			47477236.00	-	-	-			47473257.00		47473257.00	

Certificate

1.The Work executed by the contractor is found satisfactory

2. The contractor has removed the debris from the work spot

3. Thereare no departmental issues for this work

K. Sankar Reddy
Contractor

Asst Engineer

Asst Executive Engineer

Executive Engineer